







VIOLONCELLO,

Wherein the present much improve method of Findering is clearly & fully explained, shewing by Sections of the finder board, the Various modes of fingering in different Reys, as used by the most

A New and Complete Jutor,

(EMINENT MASTERS;)

To which is annexed for the Improvement & Practice of the Student. A Selection of admired Italian, French, English, Scotch, & Jush (lin, And also by Permission of the Patentee (a Drawing of the New Invented Patent Jingerboard, Pr.3.

London . Printed & Sold by Preston & Son at their Wholesale Warehouses

Where may be had . New Editions of Instanctions for every Instrument,





for Playing the

AS Time is indifpentibly necessary to all Students in Mufic, it is proper in the first place to illustrate the different Marks and Characters by which it is expressed.

On Time.

. There are two forts of Time, viz. Common & Triple. Common Time confifts, in general, of one Semibreve 2 Minims, 4 Crotchets, 8 Quavers, 16 Semiquavers, or 32 Demifemiquavers.





Mood of Common Time C which denotes there being four Crotchets in a Bar. When ftruck thro'thus. C it fignifys that the Movement is to be played a little fafter than ufual.

emibreve or Bar	Minim or 2 Ba	r Crotchet	Quaver	Semiquaver	Demifemiquaver
				-	
				-	2
Bar Peft	Half Bar Do	Crotchet	Quaver	Semiquaver	Demifemiquaver

Triple Time

3

Is known by the following Characters, $\frac{3}{4}$, $\frac{3}{8}$, $\frac{6}{8}$, $\frac{6}{8}$, $\frac{9}{8}$ $\frac{12}{8}$. The first two of which are generally called. Minuet Time; the first contains three Crotchets, and the fecond three Quavers in a Bar; they are played in the fame Manner, only the three Quavers are generally played a little faster than when 'tis wrote with three Crotchets. The $\frac{6}{8}$, $\frac{6}{4}$, $\frac{9}{8}$, $\frac{12}{8}$, are generally called Jig-Time, and played more quick and furight'y. Obferve that a Dott added to any Note makes it half as long again as it would otherwife be.



On the Position and manner of holding the Instrument.

. The lower part of the Body is to be held between the calves of the Legs, the Edge of the back Part on the left Leg, and the Edge of the Belly on that of the right, which will bring it to a convenient Polition for Bowing.

On holding the Bow.

. It is to be held with the Thumb and fore-finger about an Inch and half from the Nut, fupported by the other fingers fpread a little Diffance from each other - then drawn funcoth and levell acrofs the strings fingly, about two Inchs from the Bridge - it will be proper to get a clear for ooth Tone in this Manner before you atcomplete put the Fingers on.

On Flats, Sharps and Naturals.



requilite to get the names of the notes in the gamut which is here fubjoined.



N3. The Figures over the Notes denote Fingers to be used. O is the Thumb.

Directions how to play off the feveral Notes in the Gamut.

There are four Notes appertaining to the fourth firing, Viz. double C, D, E and F; Double C, or the loweft Note, is open; double D muft be floped with the firft finger, about three Inches from the Nut; double E with the third finger, nearly the fame diffance from the firft; double F with the fourth finger, about f an Inch and quarter from the Second. — The third firing hath alfo four notes, G, A, B & C: G is played open, A is floped with the firft finger, B with the third, and C with the fourth finger, at the fame diffances as on the fourth firing. The fecond firing has four Notes, D, E, F and G. D is played open, E is Stoped, with the firft finger, about three Inches from the Nut; F with the fecond finger, about an Inch and half from the firft; G with the fourth about two Inches and quarter from the fecond. — The first finger; C with the fecond finger, bas, feven notes, Viz. A, B, C, D, F, F and G. A is played open; B with the firft finger; C with the fecond finger, about an Inch and placing the hand, and placing the firft finger about two Inches from the fourth; E by flifting the hand, and placing the firft finger about two Inches from the fourth; cout an Inch and three quarters from the fecond.

. By attending to these directions, and with the afsistance of the Scales which will be found very. ferviceable, the Learner will foon attain to stoping the Notes in Tune.

Of Cliffs.

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The Bass Cliff diffinguish'd thus Ofor D: is mostly used for this Instrument; but there are two ofthers, vizible Tenor and Counter-Tenor, which being useful, we shall here explain. The Tenor transposes the Notes a fifth higher, the Counter Tenor a feventh; they are fearcely ever used in the fourth firing.



Of Keys.

By a Key is mount the fundamental Note of any Air, &c. and on which the Tune always ends. Elets, and Sharps, which have been already explained, when fet at the beginning of a Tune or Lefson affect e-, very note on that line or fpace throughout the whole, unlefs contradicted by a Natural.



Of Graces.

Graces are Notes added to thole fet in the tune, in Order to make the melody more fmooth and pleafing to the ear. They may properly be called the ornament of Mufic, adding greatly to its Beauty. The Chief of thele is the Shake, marked thus, *h* and is made from the Note or half note above; fee Example, Page 4. Care, however, muft be taken to fuit each Grace to the length of the Note. If it is a Man but very little on a Quaver, as being but half the length of the Crotchet. The Apoggiatura is a kine of , constitues from the found above, and fometimes from that below and takes half the some of the Note if Cands before. See Example Page 4.

Of Tuning the Violoncello.

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The Distance taken upwards or downwards is a fifth each from the next firing. Stoping any String one third Part from the Nut towards the Bridge will produce the fifth above, thus flop the fourth String one third from the Nut, the tone will be Repeat that at the fame diffence from the Nut on the third firing, the Tone will be Repeat the fame on the fecond firing and the Tore will be Again devide each firing into four parts as a fecond proof and flop on the first firing at the fourth part from the Nut, and the Tone will be Octave to the fecond String open. The fame Distance from the nut on the fecond String will give Octave to the third String open: the fame re proted on the third String will produce to the fourth String open: the fame re

yet both by Unifon and Octave: but to do this exactly a fmall Piece of Wood fhould be put under the Fuger to prevent the String being forced out of a ftraight Line. After a little Proceet this Trouble will be unuorthogy as the Ear will food by accultomed to the Diffances. Care muft be token not to make the 5^{ths} too have hould they be fomething flat the injury will be of little. Moment, But those Perfons who practice upon a Potent Fuger-board have nothing further to do than to fet down a finger on the eleventh Bar to prove their Filter, and upon the eighth bar to prove their Octaves.





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" ele Scales are drawn to fliew nearly the Diftances on the Fingerboard; but those who will to aproximate very near to true. D'it mens will find great a lyantage by attending to the Patent finger-boards for Viologcellos, which are explained in the next Pages

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Of the Patent Finger-board.

Taken with Permission from MF Charles Clagget's Improvements on the Violoucello by means of a de-. vided Fingerboard and moveable nuts.

Textuch cannot be fuid in Praife of this incomparable Inftrument; treated only as the bals in concert, it is invaluable, it is nonle, expressive and powerfull; take it in a more enlarged point of view and place it in the band of a great Matter, its compass is almost unbounded, and for much above three Octaves the tones are delightout to this may be added its Harmonic Tones, which are pleasing and Curious, and produce effects forging to the Original Inftrument, and of the flute quality; this Variety has its effect, and may be numbered amongst its Beauties. The it in a middle state, and place it in the hands of an Amateur and it is still delightfull, and there are few fine Airs that will not appear on this Inftrument to great Advantage.

Thefe beauties are evident, but the difficulty of becoming perfect in as many Cliffs as are required on this. Informment, and also the habit of making good Fifths by using the Thumb as a Nút, theing difficult and intruth feldom conquored, thefe brought the Patentee to a refolution of forming Fingerboards to divide each Octwe into twenty parts with the greateft Accuracy,^{*} and at the fame time to place different Nuts, according. to the various Cliffs in use, which may be brought on or discharged at the will of the performer in an inflantanecustomanner, by which means the Fifths will be always true, while the firings are properly fized and good, and the Checkeders always remain the fame as in the bass feale. As many of these moveable Nuts may be applied as the Preschafer, may require, this will take off more than four fifths of the trouble and Time necessary to play in all the News and Cliffs in use on the Violoncello; as these Afsistances place the Violoncello in a new Point of view it was necessary to give a Section of the Fingerboard, as well as a Drawing of the Nuts or Arches for the different Cliffs.

formeles hendred parts to every Inch-

The following Scales contain the diftances of the Stops in nine Sharp Keys, fee Example 1. and one example of a flat Key, by which the reft may be formed: fee Ex.2. alfo an explanation of Modulating by frappening the fourth; fee Fx.3. and by flatening the feventh; fee Ex.4. and the diftances marked which will produce thefe effects on Patent Finger-boards. B# and Cb, alfo E# and Fb, are taken at the fame hue, as their differences are too fmall to admit of Division It must be remembred that each Octave on thefe Finger-boards to divided into twenty Parts including the open firing; for Ex.5. a line is drawn on the Fingerboards to thew where the Octave is finished. The Contents of one String, by which the other three may eatly be doubtive a Cromatic Scale, Ex.6. of the Contents of the 3^{cl} firing of a Violoncello, fee the four Keys on the 3^{cl} fring. G with a fharp third, G fharp with a fharp third, A flat with a fharp third, and A with a harp third; fee Ex.7. Rifing hy 5ths you gain one fharp each remove _ Rifing by 4^{ths} you gain one Flat each remove; fee Ex.8. _ Obferve, taking the thirds below any fharp Keys you will perfect the flat Keys with the fame Characters as you do the flarp Keys, fee again Ex.8.





As the Violoncello is played in various Cliffs, the Patentee has invented Machines or Bars to fupping the place of additional Nuts on the right or Thumb-fide of the Finger-board, which fland upright and are perfectly out of the way of the Hand, yet fluxted to conveniently that the Performer, as he advances up the Fingerboard, can drop them at Pleafure; and thefe who find the Changleg of Cliffs attended with Diffs ofly can by droping one of finefe Bars, without the finalleft Inconvenience or Trouble, remain at fuch Pofitien, or in fact Cliffs as he requires, and the Hand in returning, remeves the Bars which reforme their former Places. By this means the Performer may take up all Cliffs with cale, and if it flould be the Opmion of any Lover of Mine that the CounterTenor being played on a Violoncello would render thich Pieces more equal, by droping the proper Bar, a good Performer on the Violoncello wall play that part with cafe; fee Ex.9. He may have alfo his Infleument furnished with any or all the following Cliffs; fee Ex.10. By which means his Characters for the open Strings will be as in Ex.11, which will fave very great trouble to thofe who are not perfectly acquainted with all the Cliffs in ufe.



But the Patentee would always recommend as in Ex.12.













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Let gay ones and great









Ive rifled Flora's painted Bower, by C. Clagget



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God fave the King





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NEW AND Complete Instructions tor the VIOLONI'HIANO, Containing the casiest and most improved Rules for Seamers to -Play, to which is added a select Collection of Furorite Clins. . Marches, Minuets, Ducts and longs, compiled fam the most EMINENT MASTERS. 11. 1. - Pondon, Printed for G. Goulding ON: 45 Pall Mall. Where may be had New Editions of Instructions for every Infirmment, & all kinds of Music & Mufical Infinaments Whelefule & Retart .





THE Violoncello was ever esteemid an excellent Influment not only in Concert but also for playing Leffons & may be confider'd as a Large Fiddle held the contrary way and the fourth String is next the Bow Hand as the Body is turn'd downward the lower part is to reft on the Calves of the Legs the edge of the back to reft on the Leg by which means it turns the fittings of the Bafs convenient to the Bow hand & befides it prevents the Legs prefling too hard upon the weak rim or fides of your Infirument & places in the most convenient position for playing First it will be very necessary for the Learner to get the names of the notes in the Gamut also shat line & space each note france on as deferib'd in the manner following.



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The Learner will obferve that O over any Note in the Gamut is open or no. Finger the figure 11, the fore Finger 2 the Second 3 and 3 the third and 4 the lattle Finger.

If your inftrument is perfectly in Tune for 'tis to be fuppof'd the Learner is not able to tune it himilify ou may try to play off the Natural Notes of the Gamut'you mult obferve there are four Notes belonging to each String Thofe on the 4th or great ftring are Double C double D double E and double F the loweft note or double C is play'd open which is done by drawing the Bow crofs the 4th String about 2 Inches from the Bridge. double D is ftop's with the first finger about three Inches from the Nut; double E is ftop d with the Second Finger nearly the fame diffance from the first finger or rather lefs Double F is write the 3th finger about an Inch and a quarter from the Second the reation why diffance of the last is ftoped fhort is because it is but a 'bemitone' or half Note.

Those on the third Strue are G A B and Cott is play'd open: A is ftop'd with the fuft Finger: B with the Scoud: and Calib 2. Finger at the fame diftance as on the 4. String. Thole on the Second Prine are D, E F, and G . D is play'd open. E is ftop'd with the First Finger shout the fuches from the Nat, F with the Second Finger about an Inch and half word do the being but a Semitone or half Note above E. G is Stop'd with the lettle Finge non two Inches and Gaurter from the Second. Those on the first String are A, B, C, and D. A is played and B with the first Finger. C with the Second and D with the little Finger at the " me diffance as on the Second String. By thefe directions the Learner may foon hop the Notes in tune. The Learner muft obferve that the bewera the Notes E & F while between B & C are only Semitones or half Notes as they fall in the ". ... shower, but we will hereafter introduce 'a perfect Scale of Natural and Area al Somitones which we may compare to a Magazine or Store Boufe of Sounds, and to take and difpote of Occafionally; for the Scale must be form'd into Key, and they the fingering will alter as the Key All Mufic is known by the first Seven Letters of the Alphabet and changes : the Eighth is the fame fach as from C to O D to D from E to E from F to F from G to G from A to A free. B to B togetes with their Semitones.

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A Perfect SCALE for the VIOLONCELLO '



There are all, the Notes Natural and Artificial necessary for a beginner in the Bafs Cliff the Artificial are called Flats and Sharps a Flat thus b a Sharp thus and a Natural thus b which brings the Note to its place after a for b. But there are two other Cliffs Tenor and Counter Tonor and as there are very affect who fet them both the Tenor Transpotes the notes a fifth higher the Counter and the string.



A Scale for the Finger board of a Violoncello.

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Third

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EF1

Shewing the distances where the Fingers are to be placed. From Nutt to Bridge Twenty Six Inches and half The state of an and the first states of a

The Nu

Finge

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First



The next & last Clitf necessary to be learnd is the Treble Cliff marked thus of which stands thirteen Notes whove the Bass, though sometimes if a Treble operis taken upon the Violoncello, the Ferformer will transpose the Notes an Octave lower, which brings it only six notes higher than the Bass, & is exactly between the Tenor & Counter Tenor Cliffs.



The Fupil having made himself perfectly acquainted with the Names of all the Notes in the 4 different Cliffs, the whole compass of the Instrument will be shewn in the following Example.



Of Stopping Notes in Tune

The the Learner may have a good Ear it will be some time before he can stop the Notes perfectly in Tune & therefore it will be a great help to him at first to have his Finger board markd with Paper pasted on and when the Fingers are acquainted with the Finger board, have the marks taken off but for playing off the Gamut, & to shew the right use thereof we will form it into Octaves, which are call'd Keys, in order to introduce all the Semitones properly, ascending, & descending, thus.



These are the practical Keys where the learner may see how the Fingers.differ in stopping the Notes in the different Keys; which this Representation of the Finger board will explain as having all the Semitones or half Notes drawn cross with lines. 8 tho we have sufficiently explained the tuncing part it is not possible to teach it by rule.

Position

You may now remare to take the Violoncello, & as to the mode of holding it. I refer ' you to the First Page, only be careful to fix the first joint of your Thumb, at the back part of the neck of your Instrument, & put your fingers nearly up right, & very firm upon the strings, which will be found very essential, in order to produce a good tone.

Of the Bow

The Bow must be held a small distance from the Nut, & the greater part of the first joint of all your Fingers, except the fourth, must reach over; but not so far as to touch the end of your thumb: also observe that the back or stick of the Bow must incline towards the finger board. & must be drawn from one end to the other in a parallel line about two Inches & half from the Bridge.

One of the principal beauties of the Violoncello, is expression; such as the Fiano, the Cresendo, the Forte &c. all this is done by an equal pressure of the Bow more or less as the passage requires; & Music without it would be like a Painting without shades to shew it. The art of bowing is rather difficult, & the marks that you find in Music in general are not very accasate, but I shall endeavour to be particu-·lar in this respect in the Lessons which you will find in this small work; the number of notes in each bar ought to be attended to, for if you have 2, 4, 6, 8, or any equal number, by playing the first down the next up. & so on alternately down & up, you will of course finish with an up Bow, & be prepard to begin the next bar with a down bow, but when you find the number unequal, such as 3.5,7.9, &c. you should endeavour to play the two shortest notes with one stroke of the Bow, & in that case you will find yourself the same as if the number had been equal: sometimes .you will find a succession of bars with an unequal number of notes, particulative · in Triple Time, which frequently consists of three notes in a Bar, in such a casezoo should bow alternately down & up av which the fithe note of every second bar will come with a down hows but all the sill be better anderstood by the following ex amples in common & triple time the letter a stands for an up bewe & d for down.



All the rest that remains with respect to howing will be explained under the article of Musical Characters.

The easiest mode of tuning the Violoncello

As the scale of the finger board is already shown, it only remains for the practitioner to measure out the first Octave from the Scale, and by a tuning fork, an Harps? or any other I astrument tune the first String to A, then put your finger upon the Second Soring at the fifth line A, & draw it up till it produces the same sound, the open String of which will be D, so on in the same manner to the 3^c : 4th Strings, so



other, & when the Ear is accustomd to the sound of fifths the open Strings may be tuned to each other with great ease .

Rules for transposition

Tunes for the Violoncello or other Instruments being sometimes too low or too high an easy method for putting them bigher is very useful remember then that there are but two Original Keys a Shorp one & a Flat one A key is not denominated Flat or Sharp from the Flats or Sharps marked at the beginning of a Tone but as the last Note called the Key Note requires a Flat or Sharp Third to it

Examples

10

The 3d Emample has likewise D.for its 3d but B being flatted in the (litf at the beginnig is thereby moved half a Note more distant from D.5 becomes a Sharp third the very same properties belong to Fawhich is the Key Note in the 2d & 4th Examples.

In order to know a Sharp 3d & a Flat Sd I must observe that the 1st consists of five half Notes or Semitones & a Flat 3d consists of four.

Explanation of the four Examples

Flat 3d Sharp 3d Fiat 3d Sharp 3d

This holds good for all the Variety of Keys in the whole Symtem of Music but note also thes in all flat Keys the 6th s 7th must be flat as well as the 2^d t in all Sharp Keys the 3^d 6th & 7th must be Sharp the 4th remains Flat in all Keys & con sists of 6 half Notes but this & also the 6th & 7th are too often omitted in the Cliff throw the I norance or carelessness of Masters & Transcribers from hence it is evident that in all Harmony there are really but two Keys one Sharp t the other Flat.

The Names of the Notes and Rests



The Figures 1.2.4. &c. before the names of the Notes imply that one Semil reve is as long as 2 Minims 4 Crotchets 8 Quavers 16 Semiquavers or 32 Demisemi quavers Wron any of the marks expressing rest occur on either line or space the part is alway without for the time of the note they below, 20.

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Treble Time is known by any of the following Figures $\frac{3}{2}$, $\frac{3}{4}$, or $\frac{12}{4}$, $\frac{3}{5}$ or $\frac{12}{5}$, $\frac{3}{4}$, or $\frac{12}{4}$, $\frac{3}{5}$ or $\frac{12}{5}$, $\frac{3}{4}$, $\frac{12}{5}$, $\frac{3}{5}$, $\frac{12}{5}$, $\frac{3}{4}$, $\frac{12}{5}$, $\frac{3}{5}$, $\frac{12}{5}$, $\frac{3}{4}$, $\frac{12}{5}$, $\frac{3}{5}$, $\frac{12}{5}$, $\frac{12}{5}$, $\frac{3}{5}$, $\frac{12}{5}$, $\frac{12}{5}$, $\frac{3}{5}$, $\frac{12}{5}$, $\frac{12}$



The three first Moods are called simple & the others mixed or compound A dot following any Note: 9 • • • • • • • makes it helf as long again that is a dotted Minim is equal to three Crotchets a dotted Crotchet to three Quavers & so of the others A 1 of following a Rest lengthen's that. In order to regulate & keep the time it is customary for learners to stamp gently with the right foot at the beginning of each har, counting with the mind four in every Bar of slow common Time also in $\frac{12}{4} \cdot \frac{12}{5}$ time. Three in every bar of simple trible in $\frac{2}{4} \cdot \frac{2}{5} \cdot \frac{2}{5}$ two in quick common time $\cdot \cdot \cdot \frac{4}{5} \cdot \frac{2}{5} \cdot \frac{2}{5} \cdot \frac{2}{5}$.

A? put over three Crotchets 3 Quavers or 3 Semiquavers thus fignifies that the 3 Crotchets are to be playd in the time of one Minim the Quavers in that of a Crotchet & the Semiquavers in that of a Quavers.

A 6 put over six Quivers or six Semiquivers thus signifies that the 6 Quivers are to be played in the time of one Minim & th 6 Simiquavers in that of 2 Crotchet.

The proper degree of slowness or swiftness that an Air is to be playd in is generally known by words placed at the beginning of a Movement as may be seen in the Dictionary at the end of this Eook.

A Bar divides the notes into equal proportions according to the time an Air is in whether common or Trible A double Bar divides the Notes from the second part of a Tune & is always put at the end of a Movement When a double Bar is dotted on both sides thus it shews that each part is to be repeated when on one side only that part is to be plavid again this repeat S signifies the repetition is to be from the place where the mark is put. A Semihreve with a stroke ever it O is to be played as Fight Quavers

with two strokes as Sixteen Semiquavers — A. Minin with a strole ? of is to be played as four Quavers, two strokes ? or ? as eithe Semi quavers . . Crotchet thus ? as four Semiquavers or thus is lolenise mique -
























Air Rufse Masquerade Minuet Dis perference for the second for the second







Duet

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